

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: May 27, 2004

Inspector: Diana Walden

Location: Norwalk Substation Expansion

**Storm/
Rain Event** Approx. 0.61" of rain was recorded on 5/23-5/24 and 0.33" was recorded on 5/26.

Areas of Inspection	Observation	Recommended Action
Access Roads	<ul style="list-style-type: none"> - Access roads are slightly muddy but still completely accessible. 5/27/04 -New Canaan Avenue is still free of any tracked sediment 4/28-5/27/04 	<ul style="list-style-type: none"> - None at this time. Continue to monitor. 5/27/04 - None at this time. Continue to monitor. 5/27/04
Foundation construction	<ul style="list-style-type: none"> - Grading for portions of the bike path along the river is ongoing in several areas and a process stone base has been compacted. Fence work also continues. 5/14-5/27/04 - A fence enclosing the new extent of the yard is being installed at the northern end of the site. $\frac{3}{4}$ " stone is being placed here and compaction and underground conduit work is ongoing. 5/27/04 - Work on the control house is ongoing and a stone base has been installed. 5/6-5/27/04 - Retaining walls on site are about 80% complete and work is ongoing. 5/27/04 	<ul style="list-style-type: none"> - The areas are well contained at this time. 5/27/04 - None at this time. 5/27/04

Areas of Inspection	Observation	Recommended Action
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	<ul style="list-style-type: none"> - The silt fence remains in good repair with the exception of one area near the new bike path grading. Most of the repairs have been made from last weeks' observation but one tear remains. 5/27/04 	<ul style="list-style-type: none"> - The fence will be patched in this spot. 5/2/04 - Continue to be proactive in silt fence repair and maintenance. 5/27/04
	<ul style="list-style-type: none"> - The area below the Route 7 ramp and above wall #4 has been graded, loamed and recently hydroseeded 5/20/04. - A catch basin is located here at the end of the swale with a top and side inlet. A haybale has been placed at the side to prevent sedimentation to the catch basin. 5/14-5/27/04 	<ul style="list-style-type: none"> - Continue to monitor growth of vegetation as this will reduce any potential sedimentation to the catch basin as well. 5/20-5/27/04
	<ul style="list-style-type: none"> - Topsoil is still being removed from the southern end of the stockpile to be utilized on site. Portions of the pile remain. 5/27/04 	<ul style="list-style-type: none"> - The pile appears fairly stable but should continue to be monitored. Plans are ongoing to utilize most of the soil in the near future. 5/27/04
	<ul style="list-style-type: none"> - The concrete washout station was cleaned out and is ready for use. Efforts to use this station have been good. 5/27/04 	<ul style="list-style-type: none"> - The main objective is to keep all washout water from resource areas and storm drains. Continue to utilize and maintain designated stations for concrete. 5/27/04
	<ul style="list-style-type: none"> -The old Monroe soil area has been excavated at or below the original grade and has been confirmed by survey. 5/27/04 	<ul style="list-style-type: none"> - Backfill can occur upon approval and concurrence of these grades. 5/27/04
	<ul style="list-style-type: none"> - The small pile of blue stone that had migrated to the river bank has been removed from the resource side of the silt fence. 5/27/04 	<ul style="list-style-type: none"> - No further action necessary 5/27/04

Areas of Inspection	Observation	Recommended Action
Erosion and Sediment Controls contd.	- Small amounts of water from the river are being used to wet portions of the soil on site to help with compaction. 5/27/04	- These areas are well contained and the pump was properly placed in secondary containment. 5/27/04
	- Topsoil and seed have been placed between the bike path and silt fence at the southern end of the site. 5/27/04	- Monitor growth of vegetation and place some straw mulch for cover. 5/27/04
	- Some rocky scour remains below the retaining wall #5 but areas with remaining topsoil are revegetating well. 5/6-5/27/04	- Heavy cobblestones will be extended along the bank washout, and the spaces and surface will be filled with topsoil and seed as in accordance with the D&M Plan. 5/27/04
Inland Wetland and Watercourse encroachment and mitigation	<p>- The silt fence is still well in place along the river. 5/27/04</p> <p>- The area below retaining wall #5 remains scoured but within silt fence limits as preparations are being discussed. 4/28-5/27/04</p> <p>- Grass cover is doing very well along the northern end of the wall in all areas where the topsoil had remained 5/6-5/27/04</p> <p>- A grate will be installed on the existing outlet on wall #5 for safety and to prevent debris from entering 5/27/04</p>	<p>- Continue to monitor silt fence and repair as necessary, especially in portions closest to the river. 5/27/04</p> <p>- Additional methods for stabilization are being decided. As stated above, a cobblestone, soil, seed matrix will be used. 5/27/04</p>
State species of concern, threatened and endangered species	- No species of concern are located in this area of construction.	- N/A
Vegetative clearing limits (including trees to save or danger trees noted)	<p>- The northern portion along wall #5 continues to vegetate and the southern portion is awaiting revegetation. 5/27/04</p> <p>- Only a few sparse spots remain along the bank- all other areas have vegetated well. 5/27/04</p>	<p>- Seed and topsoil will be placed here in accordance with the D&M Plan. Future observations may find that a more significant root structure is needed here. 5/27/04</p> <p>- Some seed could be scattered in bare areas however it will likely continue to vegetate.</p>

Areas of Inspection	Observation	Recommended Action
		5/27/04
Dewatering	- Dewatering activities are complete at this time. 5/27/04	-No actions required at this time. 5/27/04
Blasting	- No blasting is occurring on site at this time and it is not anticipated to be necessary.	- None at this time.
Spills	- No spills were reported this week, however a few minor sheen spots were noted along the access road from regular equipment travel. 5/27/04	<p>- The contractors should remain vigilant about securing and handling fuel containers due to the sensitivity of the area</p> <p>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. Check equipment status on a regular basis.</p> <p>- Report spills to the office immediately, even if they are being controlled.</p>
Additional Observations	- A new soil source is being tested at this time for future use on site. 5/27/04	- Results should be in shortly. 5/27/04

Next likely scheduled inspection:

Thursday June 3, 2004

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature:

Diana Walden



A STONE BASE HAS BEEN INSTALLED ON THE SOUTHERN PORTION OF THE BIKE PATH. AREAS HAVE BEEN FILLED AND SEEDED BUT COULD USE SOME MULCH.
5/27/04



VIEW OF SITE BEHIND WALLS 1 AND 2. 5/27/04



VIEW OF PUMP IN PROPER SECONDARY CONTAINMENT WHILE NEAR THE RESOURCE AREA. 5/27/04



THE AREA TOWARDS THE NORTH OF THE SITE HAVE BEEN FENCED IN AND A STONE BASE IS BEING INSTALLED. THE BIKE PATH WORK IS ALSO ONGOING HERE. 5/27/04



VIEW OF STONE BASE BEING INSTALLED WITHIN THE FENCED-IN NORTHERN PORTION OF THE YARD. 5/27/04



VIEW LOOKING TOWARDS THE OLD EXCAVATION AREA. ORIGINAL GRADES ARE BEING CONFIRMED AND THEN BACKFILL CAN OCCUR. 5/27/04



VIEW OF FOUNDATION WORK ON THE CONTROL BUILDING. 5/27/04